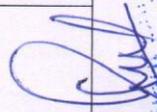


JUSTIFICATION OF SELECTING THE ROUTE AFTER EXAMINING ALL THE ALTERNATIVES

66 KV D/C SINHIK TO MANGAN TRANSMISSION LINE

Sl. No	Criteria	Alternative-I	Alternative-II	Alternative-III
01	Approach Road & Accessibility	Approx. 0.5 kms walking needed to reach line	Approx. 1.0 kms walking needed to reach line	Approx. 1.85 kms walking needed to reach line
02	Stability of the Area	Stable	Less Stable	2/3 hill slide zones found
03	Vicinity to Towns	Passing by the side of the Mangan	Passing by the side of the Singhik & Mangan.	Passing by the side of the Singhik, Mangan town
04	Forest involvement & tree involvement in Forest	Minimum Forest Land-0.117 Ha,	More than Alt-I Forest Land- 0.85 Ha approx.	More than Alt-I& Alt-II Forest land- approx. 1.2 Ha.
05	Number of trees actually to be felled out of enumerated trees (considering hills)	No. of Trees- 4 nos. (as most of the forest land fall in valley)	No. of Trees - 15 nos. (as ½ of the forest land fall near hill top)	No. of Trees- 25 nos. (as most of the forest land fall around hill top)
06	Wildlife Sanctuary	Nil	Nil	Nil
07	Rich Crop in the Corridor	Less	Moderate	More
08	Right of Way resistance	Less	Comparatively more	More than Alt-I& Alt-II
09	Suitability from O&M point of view	Most suitable	Suitable	Less Suitable

(SELECTE)


 Assistant Secretary
 Energy & Power Deptt.
 Govt. of Sikkim